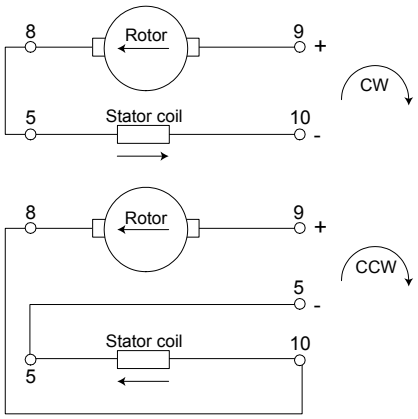
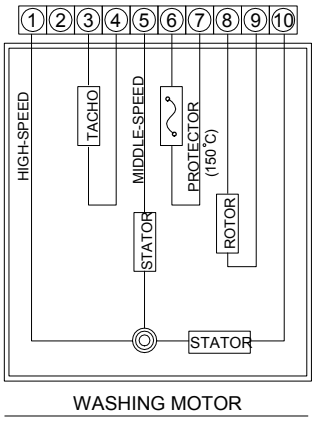
# 10. Designation of Main Components

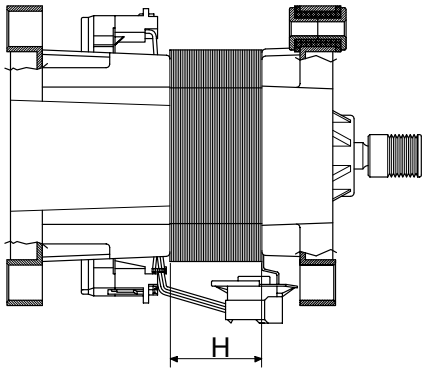
## 10-1 Normal / Reverse Revolution of Motor and R. P. M. Control




<Figure1>




<Figure2>




<Figure3>

| (± 7%) | STATOR(51) | ROTOR(8.9) | TACHO(3.4) | PROTECTOR(6.7) | "H"(mm) | Code-No. | Remark |
|---|---|---|---|---|---|---|---|
| Resistance value | 2.08Ω | 1.99Ω | 38.8Ω | 0 | 39 | DC31-00002E | R1033<br>R1233<br>R833 |
| Rated value | 220~240V/50Hz | | | | | | |

## 10-2 Door safety Device

1)Capacity

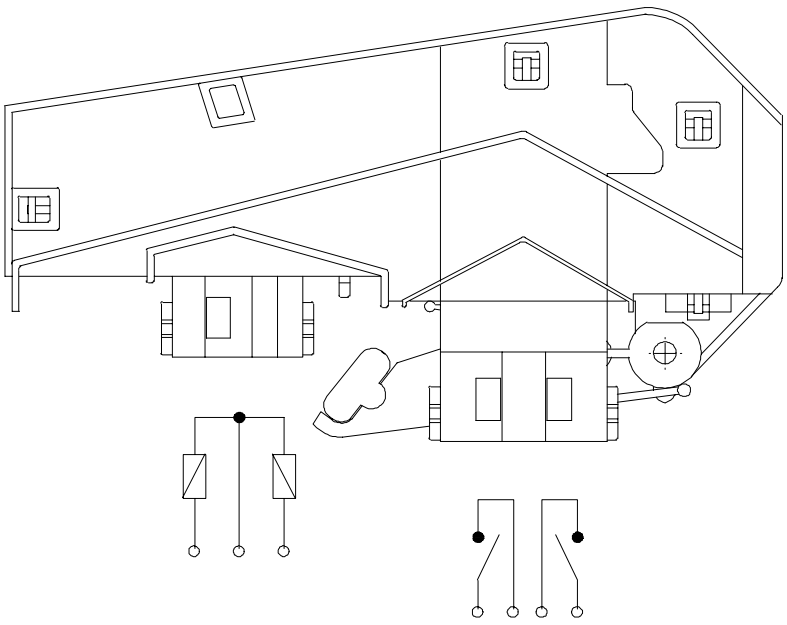
Code No : DC64-00652A

3P 1 - 2 Locking : 135Ω ±10%

2 - 3 UnLocking : 135Ω ±10%

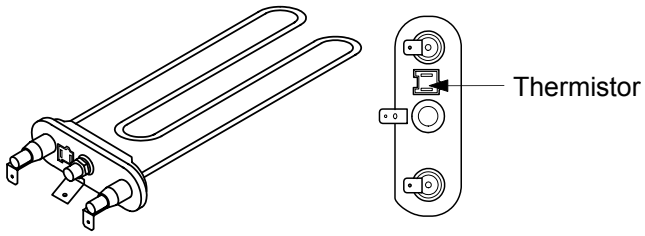
4P 1 - 2 Door Lock 250V 16A

3 - 4 Door close 250V (16)1A



## 10-3 Heater

1) Capacity : AC 230V/1900W
2) Location : Bottom of TUB
3) Function : Raise the water temperature
supplied at the wash process.
4) Resistance value : 23~29
5) Thermal Fuse : 169°C




## 10-4 Detergent tub and water supply value

A Detergent tub is composed of housing and 3 drawers . supplied water flows into the 3 drawer-detergent tub by way of classifier at each washing process.

three open drainage way whith detergent and supplied water by way of connector located under the housing flows into washing tub.

the water supply valve is composed of a hot water valve(1 way) and a cold water valve(2way) and water flow per min in the valve is below.

| | **Hot water valve(1 way)** |
|---|---|
| **water flow(L/min)** | 10L |
| **resistance value** | 4.3㏀ |
| **power consumption** | AC 220v ~ 240V 50/60㎐ |
| **usable water pressure** | 0.5 ~ 8 ㎏/㎠ |

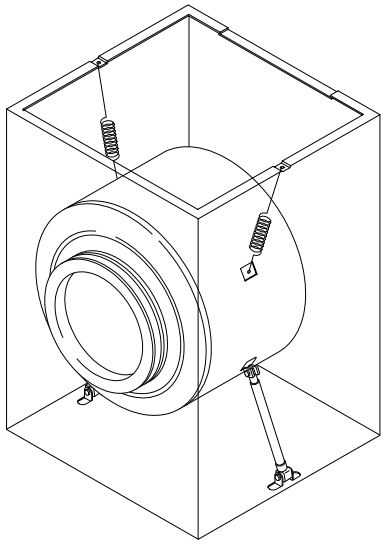
## 10-5 Shock absorber and buffer spring

This wash machine is equipped with 2 Shock absorbers with same capacity and with 2 buffer springs. 2 Shock absorber are placed under the tub and outside case , 4 buffer springs are placed on the right and left of the upper side of outside case.

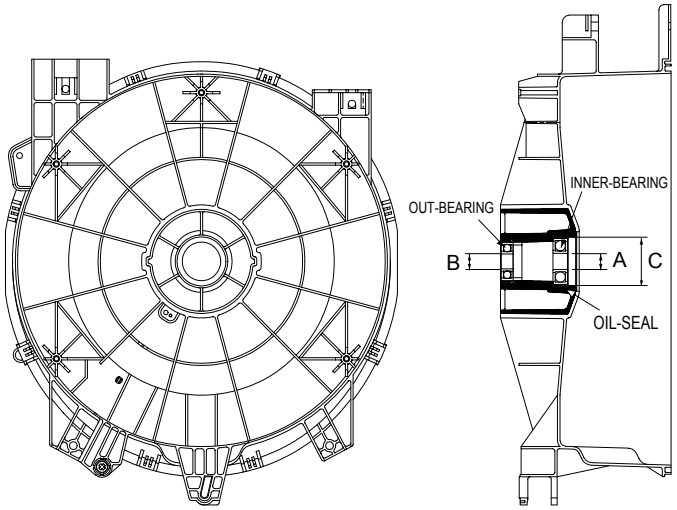
Shock absorber function: during wash, dehydration absorb the shock.

buffer spring: buffering the vibration

| device | capacity of Shock absorber |
|---|---|
| Shock absorber | 8±2kg |



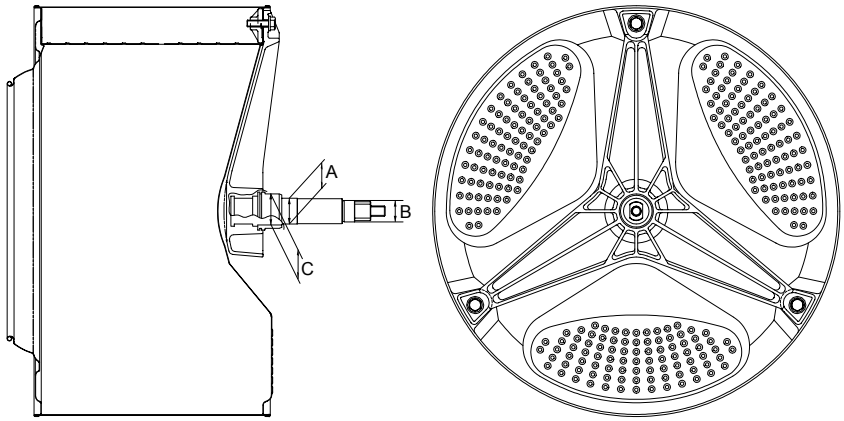
# 10-6 ASSY-TUB BACK




(unit : mm)

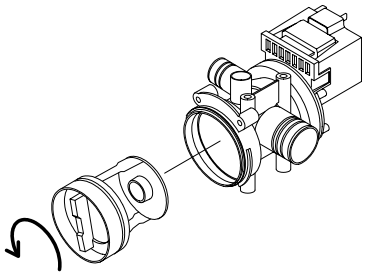
| TYPE | INNER-BEARING(A) | OUT-BEARING(B) | OIL-SEAL(C) | Assy-Housing Bearing(D) | Assy-Tub Back |
|---|---|---|---|---|---|
| I | ø 30 | ø 25 | ø 34 | DC97-05168A | DC97-00214R |

## 10-7 ASSY- DRUM




(unit : mm)

| TYPE | (A) | (B) | (C) | CODE-NO. | REMARK |
|---|---|---|---|---|---|
| I | ø 30 | ø 23 | ø 35 | DC97-01463H | |

## 10-8 ASSY-PUMP DRAIN

1) Capacity : AC 230V 34W
2) Location : Front bottom(R)
3) Resistance : 150Ω ~ 180Ω